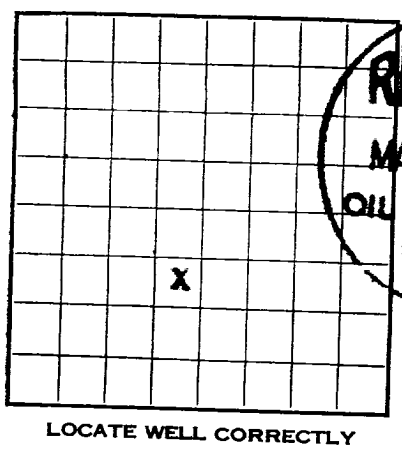
Form 9-330

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

U. S. LAND OFFICE Navajo-Ute Tribal
SERIAL NUMBER 14-20-604-1951
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

RECEIVED
MAR 4 1960
OIL CON. COM.
DIST. 3

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
1 1960
U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Products Co. Address Box 1565, Farmington, New Mexico
Lessor or Tract Horseshoe Ute Field Horseshoe Gallup State New Mexico
Well No. 35 Sec. 27 T. 31N R. 16W Meridian NMPM County San Juan
Location 1800 ft. [N.] of S Line and 2030 ft. [E.] of W Line of Section 27 Elevation 5514'
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed ORIGINAL SIGNED BY: WILLIAM K. GLAZENER
Date February 29, 1960 Title Petroleum Engineer

The summary on this page is for the condition of the well at above date.

Commenced drilling February 1, 1960 Finished drilling February 6, 1960

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 1410 to 1437 No. 4, from to
No. 2, from to No. 5, from to
No. 3, from to No. 6, from to

IMPORTANT WATER SANDS

No. 1, from to No. 3, from to
No. 2, from to No. 4, from to

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated From—	Perforated To—	Purpose
9-5/8"	36#	8 Rd.	Smls.	136	Guide				Surface
5-1/2"	15.5#	8 Rd.	Smls.	1499	Guide		1410	1437	Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8"	133	125	Circulated		
5-1/2"	1499	100	Single Stage		

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set
Adapters—Material Size

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
		See Remarks				

TOOLS USED

Rotary tools were used from 0 feet to 1500 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

February 12, 1960 Put to producing February 22, 1960

The production for the first 24 hours was 37.13 barrels of fluid of which 100 % was oil; % emulsion; % water; and % sediment.

Gravity, °Bé. xxx 40.8° API

If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in.

EMPLOYEES

, Driller , Driller
, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	136	136	Point Lookout Form. Gy., v/fn. silty ss. w/freq. shale breaks.
136	1190	1054	Mancos Form. Gy. carb. shale.
1190	1500	310	Gallup Form. Lt. gy. to brn. calc. carb. micaceous glauconitic. Very fn. to med. gr. ss. w/irreg. inbd. shale.

TOPS ARE FROM ELECTRIC LOGS AND RADIOACTIVITY LOGS.

FOLD | MARK

(OVER)

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

RECEIVED
MAR 1 1960
U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

FROM—	TO—	TOTAL FEET	FORMATION

FORMATION RECORD

Driller _____ Driller _____

Driller _____ Driller _____

EMPLOYEES

TOOLS USED

Rotary tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Put to producing _____ 19__

The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____%

emulsion; _____% water; and _____% sediment.

Gravity, °Be. _____

Gallons gasoline per 1,000 cu. ft. of gas _____

If gas well, cu. ft. per 24 hours _____

Rock pressure, lbs. per sq. in. _____

Driller _____ Driller _____

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION

CASING RECORD

Size	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cemented (Yes or No)	FROM—	TO—	Purpose

SANDED OR FRACTURE

2-12-60 **SOF perfs. 1410'-1437' with 48,000 gals. oil and 80,000# (10-20) sand.**
Breakdown pressure 1500 psi.; Maximum treating pressure 1050 psi.;
Average treating pressure 950 psi. Injection Rate: 50.9 bbls./min.
Flush with 1680 gals. oil. Injected 60 rubber balls one time.

No. 1, from _____ to _____ No. 4, from _____ to _____

No. 2, from _____ to _____ No. 5, from _____ to _____

No. 3, from _____ to _____ No. 6, from _____ to _____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from _____ to _____ No. 4, from _____ to _____

No. 2, from _____ to _____ No. 5, from _____ to _____

No. 3, from _____ to _____ No. 6, from _____ to _____

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

MUDDING AND CEMENTING RECORD

Size	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size _____

RECORD OF PRODUCTION AND STIMULATION

Date	Barrels of oil	Barrels of gasoline	Barrels of water	Gravity	Gas

16—43094-2 U. S. GOVERNMENT PRINTING OFFICE

LOG OF OIL OR CAS WELL

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
MAR 4 1960
OIL CON. COM.
DIST. 3

LEASE OR PERMIT TO PROSPECT _____

SERIAL NUMBER _____

U. S. LAND OFFICE _____

LOCATE WELL CORRECTLY

Company _____ Address _____

Lessor or Farm _____ Field _____ State _____

Well No. _____ Sec. _____ T. _____ R. _____ Meridian _____ County _____

Location _____ ft. _____ of _____ Line and _____ ft. _____ of _____ Line of _____ Elevation _____

The information given herein is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed ORIGINAL SIGNED BY: MILLIAM K. CLEMENER

Date _____ Title _____

The summary on this page is for the condition of the well at above date.

Commenced drilling _____ 19__ Finished drilling _____ 19__

FORM 9-330